Author index

Abramski, K., see Połeć-Pawlak, K. 61 Aubriet, F., see Carré, V. 257

Bahramifar, N.

- and Yamini, Y.

On-line preconcentration of some rare earth elements in water samples using C₁₈-cartridge modified with 1-(2-pyridylazo) 2-naphtol (PAN) prior to simultaneous determination by inductively coupled plasma optical emission spectrometry (ICP-OES) 325

Bantan-Polak, T.

-, Mitrović, B. and Milačič, R.

The use of fast protein liquid chromatography with ICP-OES and ES-MS-MS detection for the determination of various forms of aluminium in the roots of Chinese cabbage 83

Bernal-Daza, V., see Gómez-Ariza, J.L. 221

Bracamonte, A.G., see Galian, R.E. 393

Brown, A.

-, Desharnais, R., Roy, B.C., Malik, S. and Gomez, F.A.

Optimization of conditions for flow-through partial-filling affinity capillary electrophoresis to estimate binding constants of ligands to receptors 403

Bruzzoniti, M.C., see Sarzanini, C. 45

Brzozka, Z., see Grabowska, I. 181

Brzózka, Z., see Mamiński, M. 153

Bujdoš, M., see Matúš, P. 33

Buszewski, B., see Krupczyńska, K. 127

Capri, S., see Pettine, M. 231, 239

Carmona, N., see García-Heras, M. 147

Carré, V.

-, Aubriet, F. and Muller, J.-F.

Analysis of cigarette smoke by laser desorption mass spectrometry 257

Chang, G., see Yin, J. 333

Cheburkin, A.K., see Sapkota, A. 247

Chen, B.-m.

—, Liang, Y.-z., Wang, Y.-l., Deng, F.-L., Zhou, P., Guo, F.-q. and Huang, L.-f.

Development and validation of liquid chromatography-mass spectrometry method for the determination of telmisartan in human plasma 367

Chen, J., see Wang, J. 307

Chudy, M., see Grabowska, I. 181

Chudy, M., see Mamiński, M. 153

Ciurzyńska, M., see Połeć-Pawlak, K. 61

Cooper, K.M., see Diblikova, I. 285 Corbera, M.

-, Hidalgo, M., Salvadó, V. and Wieczorek, P.P.

Determination of glyphosate and aminomethylphosphonic acid in natural water using the capillary electrophoresis combined with enrichment step 3

Davanzo, C.U., see Ferrão, M.F. 411

Davidson, C.I., see Pekney, N.J. 269

Deng, C., see Li, N. 317

Deng, F.-L., see Chen, B.-m. 367

de la Guardia, M., see Yusà, V. 355

Desharnais, R., see Brown, A. 403

Diblikova, I.

-, Cooper, K.M., Kennedy, D.G. and Franck, M.

Monoclonal antibody-based ELISA for the quantification of nitrofuran metabolite 3-amino-2-oxazolidinone in tissues using a simplified sample preparation 285

Dybko, A., see Grabowska, I. 181

Dybko, A., see Mamiński, M. 153

Dybko, A., see Toczyłowska, R. 167

Faber, J., see García-Heras, M. 147

Ferrão, M.F.

- and Davanzo, C.U.

Horizontal attenuated total reflection applied to simultaneous determination of ash and protein contents in commercial wheat flour 411

Franek, M., see Diblikova, I. 285

Gaca, J.

- and Wejnerowska, G.

Determination of propane chloroderivatives in environmental samples 55

-, Bracamonte, A.G. and Veglia, A.V.

Hydroxypropyl-β-cyclodextrin effect on the fluorescence of auxin and skatole and on the simultaneous determination of binary mixtures of indole compounds in urine by first derivative spectrofluorimetry 393

García-Barrera, T., see Gómez-Ariza, J.L. 17

García-Heras, M.

—, Gil, C., Carmona, N., Faber, J., Kromka, K. and Villegas, M.A.

Optical behaviour of pH detectors based on sol-gel technology 147

Gawrońska, H., see Połeć-Pawlak, K. 61

Gil, C., see García-Heras, M. 147

Główka, F.K.

— and Karaźniewicz, M.

High performance capillary electrophoresis method for determination of ibuprofen enantiomers in human serum and urine 95

Gomez, F.A., see Brown, A. 403

Gómez-Ariza, J.L.

—, García-Barrera, T., Lorenzo, F. and González, A.G.

Optimisation of a pressurised liquid extraction method for haloanisoles in cork stoppers 17

Gómez-Ariza, J.L.

—, Villegas-Portero, M.J. and Bernal-Daza, V.

Characterization and analysis of amino acids in orange juice by HPLC-MS/MS for authenticity assessment 221

González, A.G., see Gómez-Ariza, J.L. 17

Górski, Ł.

- and Malinowska, E.

Fluoride-selective sensors based on polyurethane membranes doped with Zr(IV)-porphyrins 159

Grabowska, I.

-, Chudy, M., Dybko, A. and Brzozka, Z.

Determination of creatinine in clinical samples based on flow-through microsystem 181

Guo, F.-q., see Chen, B.-m. 367

Guo, R., see Wang, J. 307

Hadjmohammadi, M.R., see Safa, F. 121

Hall, A.J.

-, Lanza-Sellergren, F., Manesiotis, P. and Sellergren, B.

Erratum to "Non-covalent imprinting of phosphorous esters". [Analytica Chimica Acta 538 (2005) 9–14] 417

Hidalgo, M., see Corbera, M. 3

Higuchi, T., see Tsukatani, T. 293

Ho, E.N.M.

-, Leung, D.K.K., Wan, T.S.M. and Yu, N.H.

Metabolic studies of methenolone acetate in horses 111

Hu, B., see Yin, J. 333

Huang, L.-f., see Chen, B.-m. 367

Jackowska, A., see Jankowski, K. 197

Janča, J.

Polarization, steric, and focusing micro-thermal field-flow fractionation principles, theory, instrumentation, and applications in polymers and particles analysis 187

Jandera, P., see Krupczyńska, K. 127

Jankowski, K.

-, Jackowska, A. and Łukasiak, P.

Determination of precious metals in geological samples by continuous powder introduction microwave induced plasma atomic emission spectrometry after preconcentration on activated carbon 197

Jarosz, M.

Foreword 1

Jiang, Z., see Yin, J. 333

Karaźniewicz, M., see Główka, F.K. 95

Kaya, G., see Yaman, M. 77

Kennedy, D.G., see Diblikova, I. 285

Koutsopoulou, M., see Pistos, C. 375

Krachler, M., see Sapkota, A. 247

Kromka, K., see García-Heras, M. 147

Krupczyńska, K.

-, Jandera, P. and Buszewski, B.

Comparison of column properties in reversed-phase chromatography: monolithic, cholesterolic and mixed bonded stationary phases 127

Kubová, J., see Matúš, P. 33

Lanza-Sellergren, F., see Hall, A.J. 417

Leung, D.K.K., see Ho, E.N.M. 111

Li, J., see Shen, G. 279

Li, N.

-, Deng, C., Yao, N., Shen, X. and Zhang, X.

Determination of acetone, hexanal and heptanal in blood samples by derivatization with pentafluorobenzyl hydroxylamine followed by headspace single-drop microextraction and gas chromatography-mass spectrometry 317

Liang, X., see Wang, J. 307

Liang, Y.-z., see Chen, B.-m. 367

Liu, M.

-, Zeng, Z. and Tian, Y.

Elimination of matrix effects for headspace solid-phase microextraction of important volatile compounds in red wine using a novel coating 341

Lorenzo, F., see Gómez-Ariza, J.L. 17

Łukasiak, P., see Jankowski, K. 197

Lukaszewski, Z., see Morchalo, J. 9

Lulek, J.

-, Opielewicz, M., Szyrwińska, K. and Milanowski, B.

Application of a retention database to the identification of individual polychlorinated biphenyl congeners in Aroclors mixture using selected polychlorinated biphenyls as a reference series 25

Malik, S., see Brown, A. 403

Malinowska, E., see Górski, Ł. 159

Mamiński, M.

-, Olejniczak, M., Chudy, M., Dybko, A. and Brzózka, Z.

Spectrophotometric determination of dopamine in microliter scale using microfluidic system based on polymeric technology 153

Manesiotis, P., see Hall, A.J. 417

Marchut, D., see Oszwałdowski, S. 207

Martín, J., see Pérez-Ruiz, T. 383

Martínez-Lozano, C., see Pérez-Ruiz, T. 383

Matsumoto, K., see Tsukatani, T. 293

Matúš, P.

—, Kubová, J., Bujdoš, M. and Medved', J.

Determination of operationally defined fractions of aluminium in reference materials and acid attacked environmental samples 33

Medved', J., see Matúš, P. 33

Milačič, R., see Bantan-Polak, T. 83

Milanowski, B., see Lulek, J. 25

Mitrović, B., see Bantan-Polak, T. 83

Morchalo, J.

—, Rydlichowski, R., Szymanski, A., Wyrwas, B. and Lukaszewski, Z. PTFE capillary trap as a tool to monitor non-ionic surfactants in the aquatic environment 9

Muller, J.-F., see Carré, V. 257

Okada, T.

Approaches to separation interfaces. Electrostatic interaction and local structures of ions at zwitterionic interface 139

Olejniczak, M., see Mamiński, M. 153

Opielewicz, M., see Lulek, J. 25

Oszwałdowski, S.

- and Marchut, D.

Characterization of iron(II)(α -diimine) chelates and their interactions with anionic, cationic and non-ionic micelles using the separation, spectrophotometric and computational methods 207

Oyama, M., see Zhang, J. 299

Panderi, I., see Pistos, C. 375

Pastor, A., see Yusà, V. 355

Pekney, N.J.

- and Davidson, C.I.

Determination of trace elements in ambient aerosol samples 269

Pérez-Ruiz, T.

-, Martínez-Lozano, C., Tomás, V. and Martín, J.

High-performance liquid chromatographic assay of phosphate and organophosphorus pesticides using a post-column photochemical reaction and fluorimetric detection 383

Pettine, M.

- and Capri, S.

Digestion treatments and risks of Cr(III)–Cr(VI) interconversions during Cr(VI) determination in soils and sediments—a review 231

Pettine, M.

— and Capri, S.

Removal of humic matter interference in the determination of Cr(VI) in soil extracts by the diphenylcarbazide method 239

Pistos, C.

-, Koutsopoulou, M. and Panderi, I.

Liquid chromatographic tandem mass spectrometric determination of trandolapril in human plasma 375

Pokrop, R., see Toczyłowska, R. 167

Połeć-Pawlak, K.

—, Ruzik, R., Abramski, K., Ciurzyńska, M. and Gawrońska, H. Cadmium speciation in *Arabidopsis thaliana* as a strategy to study metal accumulation system in plants 61

Prasad, S.

Kinetic method for determination of nanogram amounts of copper(II) by its catalytic effect on hexacynoferrate(III)-citric acid indicator reaction 173

Pyrzyńska, K.

- and Wierzbicki, T.

Pre-concentration and separation of vanadium on Amberlite IRA-904 resin functionalized with porphyrin ligands 91

Regan, F.

- and Shakalisava, Y.

Rapid simultaneous determination of alkylxanthines by CZE and its application in analysis of pharmaceuticals and food samples 103

Roy, B.C., see Brown, A. 403

Ruzik, R., see Połeć-Pawlak, K. 61

Rydlichowski, R., see Morchalo, J. 9

Safa, F.

- and Hadjmohammadi, M.R.

Chemometric approach in optimization of micellar liquid chromatographic separation of some halogenated phenols 121

Salvadó, V., see Corbera, M. 3

Sapkota, A.

—, Krachler, M., Scholz, C., Cheburkin, A.K. and Shotyk, W. Analytical procedures for the determination of selected major (Al, Ca, Fe, K, Mg, Na, and Ti) and trace (Li, Mn, Sr, and Zn) elements in peat and plant samples using inductively coupled plasma-optical emission spectrometry 247

Sarzanini, C.

- and Bruzzoniti, M.C.

New materials: analytical and environmental applications in ion chromatography 45

Scholz, C., see Sapkota, A. 247

Sellergren, B., see Hall, A.J. 417

Shakalisava, Y., see Regan, F. 103

Shen, G., see Shen, G. 279

Shen, G.

-, Wang, H., Tan, S., Li, J., Shen, G. and Yu, R.

Detection of antisperm antibody in human serum using a piezoelectric immunosensor based on mixed self-assembled monolayers 279

Shen, X., see Li, N. 317

Shotyk, W., see Sapkota, A. 247

Suzuki, K.T.

Metabolomics of arsenic based on speciation studies 71

Szymanski, A., see Morchalo, J. 9

Szyrwińska, K., see Lulek, J. 25

Tan, S., see Shen, G. 279

Tian, Y., see Liu, M. 341

Toczyłowska, R.

-, Pokrop, R., Dybko, A. and Wróblewski, W.

Planar potentiometric sensors based on Au and Ag microelectrodes and conducting polymers for flow-cell analysis 167

Tomás, V., see Pérez-Ruiz, T. 383

Tsukatani, T.

-, Higuchi, T. and Matsumoto, K.

Enzyme-based microtiter plate assay for γ -aminobutyric acid: Application to the screening of γ -aminobutyric acid-producing lactic acid bacteria 293

Veglia, A.V., see Galian, R.E. 393

Villegas, M.A., see García-Heras, M. 147

Villegas-Portero, M.J., see Gómez-Ariza, J.L. 221

Wan, T.S.M., see Ho, E.N.M. 111

Wang, H., see Shen, G. 279

Wang, J.

-, Guo, R., Chen, J., Zhang, Q. and Liang, X.

Phenylurea herbicides-selective polymer prepared by molecular imprinting using *N*-(4-isopropylphenyl)-*N'*-butyleneurea as dummy template 307

Wang, Y.-l., see Chen, B.-m. 367

Wejnerowska, G., see Gaca, J. 55

Wieczorek, P.P., see Corbera, M. 3

Wierzbicki, T., see Pyrzyńska, K. 91

Wróblewski, W., see Toczyłowska, R. 167 Wyrwas, B., see Morchalo, J. 9

Yaman, M.

- and Kaya, G.

Speciation of iron (II) and (III) by using solvent extraction and flame atomic absorption spectrometry 77

Yamini, Y., see Bahramifar, N. 325

Yao, N., see Li, N. 317

Yin, J.

-, Jiang, Z., Chang, G. and Hu, B.

Simultaneous on-line preconcentration and determination of trace metals in environmental samples by flow injection combined with inductively coupled plasma mass spectrometry using a nanometer-sized alumina packed micro-column 333

Yu, N.H., see Ho, E.N.M. 111

Yu, R., see Shen, G. 279

Yusà, V.

-, Pastor, A. and de la Guardia, M.

Microwave-assisted extraction of OCPs, PCBs and PAHs concentrated by semi-permeable membrane devices (SPMDs) 355

Zeng, Z., see Liu, M. 341

Zhang, J.

— and Oyama, M.

Gold nanoparticle arrays directly grown on nanostructured indium tin oxide electrodes: Characterization and electroanalytical application 299

Zhang, Q., see Wang, J. 307

Zhang, X., see Li, N. 317

Zhou, P., see Chen, B.-m. 367